PATENT & TRADEMARK OFFICE
APR 0 6 2001
JC91

Attorney's Docket No.: 11452-002001

#24

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Farshad NAYERI
Serial No. : 09/741,800
Filed : December 22, 2000
Title : COLLABORATIVE SCREENSAVER

Art Unit : 2151
Examiner : Unknown

Attention: Official Draftsman
Commissioner for Patents
Washington, D.C. 20231

SUBMISSION OF SUBSTITUTE DRAWINGS

Enclosed are 14 sheets of drawings for the above-referenced application. Please substitute the attached 14 sheets of drawings for the drawings originally filed with the application on December 22, 1000.

These drawings are being submitted in response to the Notice to File Missing Parts dated February 7, 2001, in order to satisfy the requirements under 37 CFR 1.84(g).

Applicant submits that no new matter is introduced and requests approval of the attached substitute drawings.

Respectfully submitted,

Date: April 6, 2001

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Reg. No. 33,264

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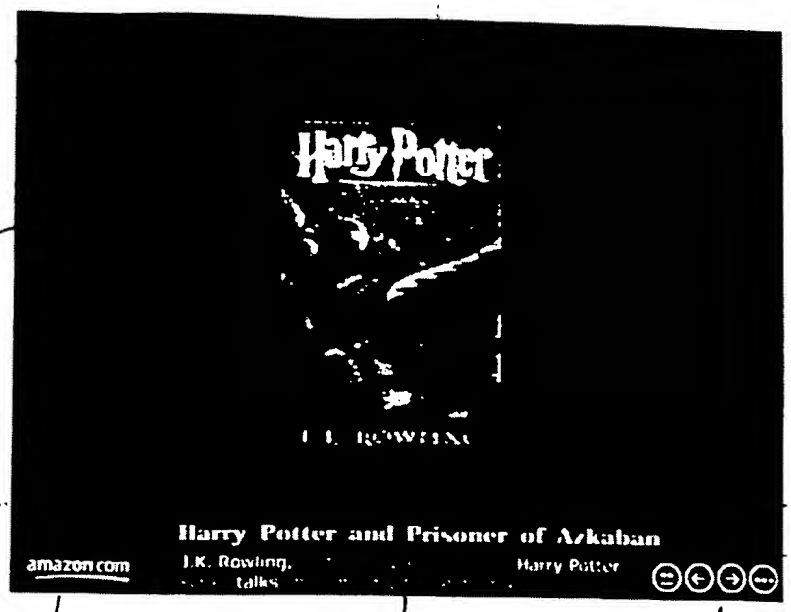
40052183.doc



10

12

14

20

16

18

Fig. 1

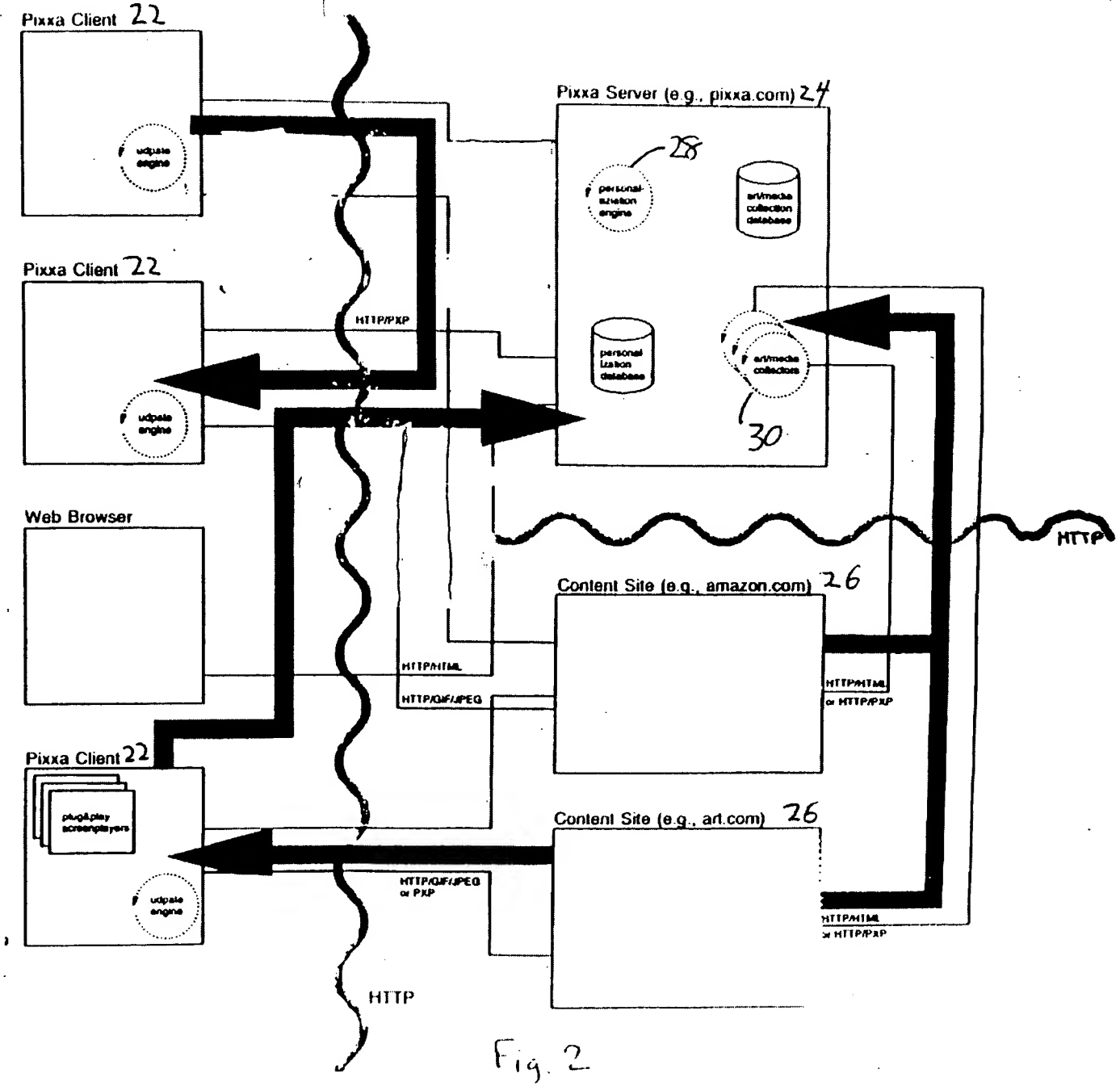

Pixxa Client 22
update engine
Pixxa Client 22
update engine
Web Browser
Pixxa Client 22
plug&play screenplayers
update engine
HTTP/PXP
Pixxa Server (e.g., pixxa.com) 24
28
personalization engine
art/media collection database
personalization database
art/media collection
30
HTTP
Content Site (e.g., amazon.com) 26
HTTP/HTML
HTTP/GIF/JPEG
HTTP/HTML or HTTP/PXP
Content Site (e.g., art.com) 26
HTTP/GIF/JPEG or PXP
HTTP/HTML or HTTP/PXP
HTTP

Fig. 2

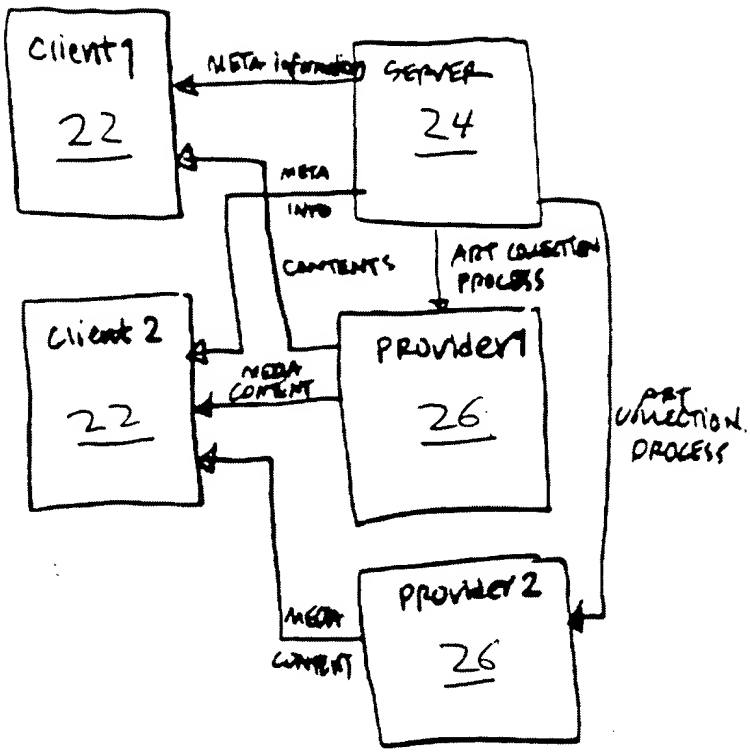

Client 1
22
META information
SERVER
24
META
INFO
CONTENTS
ART COLLECTION
PROCESS
Client 2
22
MEDIA
CONTENT
PROVIDER 1
26
ART
COLLECTION
PROCESS
MEDIA
CONTENT
PROVIDER 2
26

Fig. 3A

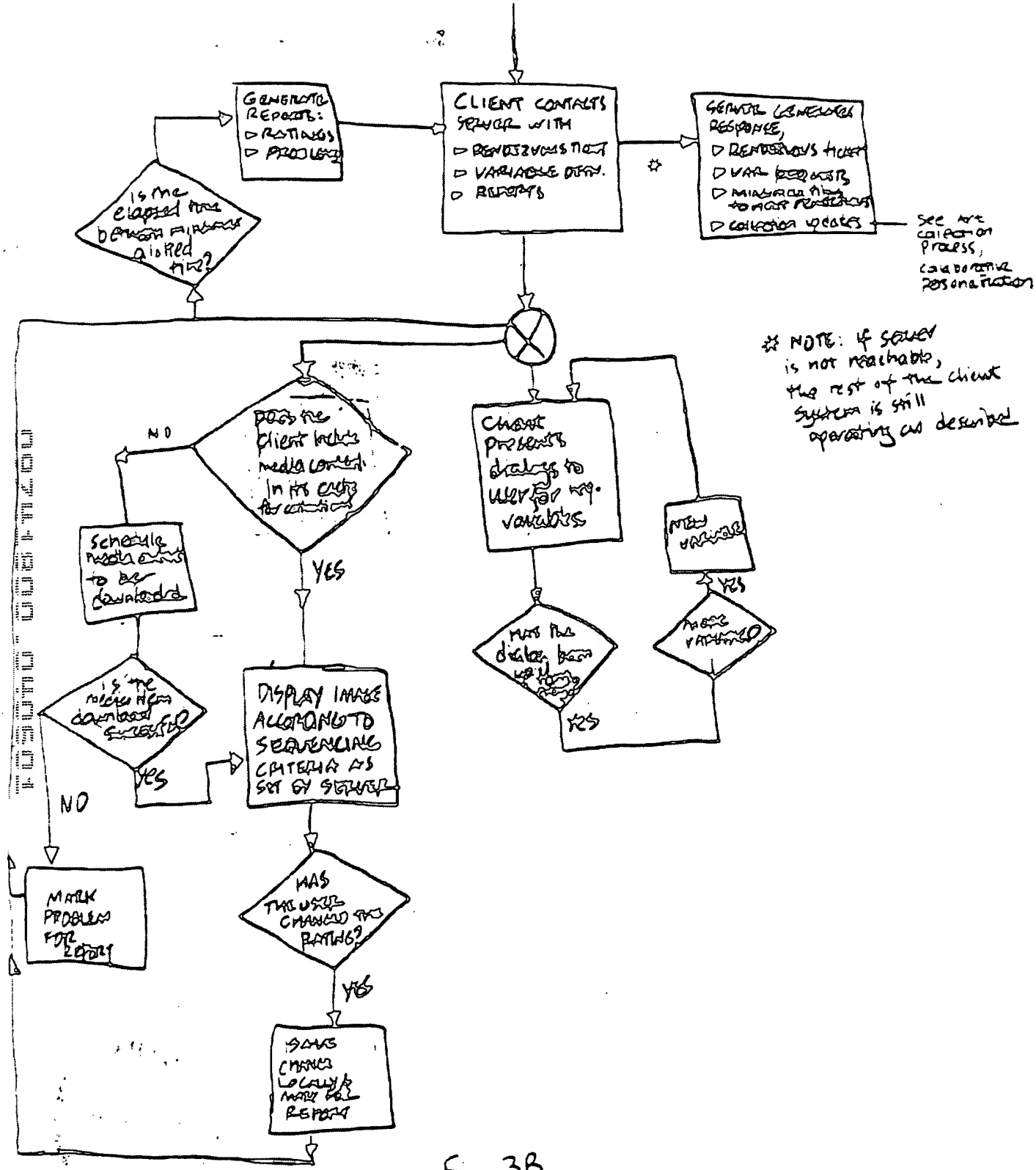

GENERATE REPORTS:
▷ RATINGS
▷ PROBLEMS
CLIENT CONTACTS SERVER WITH
▷ RENDEZVOUS TICKET
▷ VARIABLE DATA
▷ REPORTS
SERVER GENERATES RESPONSE,
▷ RENDEZVOUS TICKET
▷ VAR. REQUESTS
▷ MINIMUM TIME TO NEXT REQUEST
▷ CONFIGURATION UPDATES
See the collection process, collaborative personalization
Is the elapsed time between fixed time?
NOTE: If server is not reachable, the rest of the client system is still operating as described
DOES THE CLIENT HAVE MEDIA CONTENT IN ITS CACHE FOR COLLECTION
NO
YES
SCHEDULE MEDIA CONTENT TO BE DOWNLOADED
IS THE MEDIA CONTENT DOWNLOAD SUCCESSFUL?
YES
NO
MARK PROBLEM FOR REPORT
DISPLAY IMAGE ACCORDING TO SEQUENCING CRITERIA AS SET BY SERVER
HAS THE USER CHANGED THE RATING?
YES
SAVE CHANGE LOCALLY FOR NEXT REPORT
CLIENT PRESENTS DIALOG TO USER FOR NEW VARIABLES
HAS THE DIALOG BEEN CANCELLED?
YES
NEW VARIABLES
YES
MORE VARIABLES?

Fig. 3B

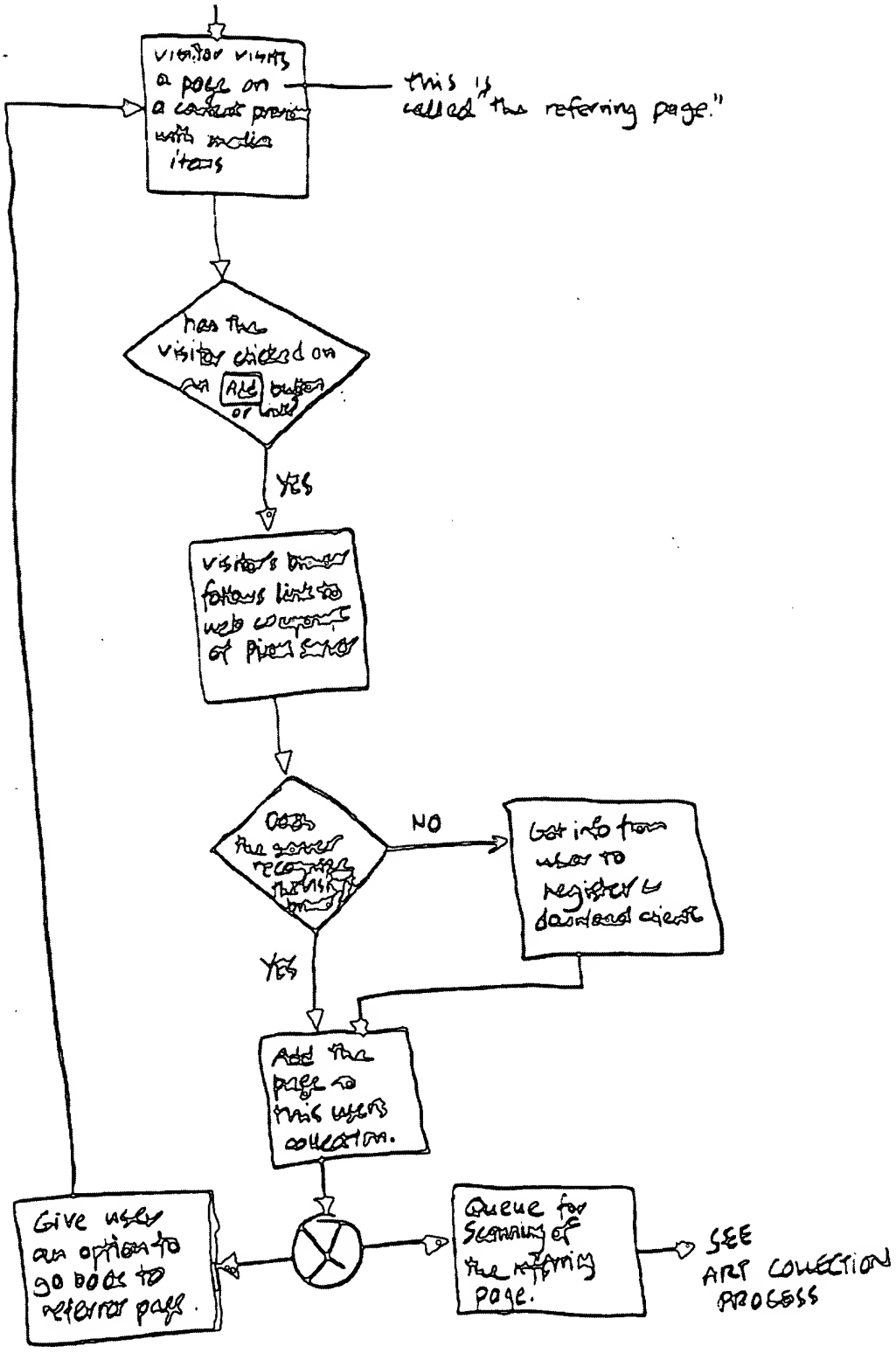

Visitor visits a page on a content provider with auction items
this is called "the referring page."
Has the visitor clicked on an Add button or link
YES
Visitor's browser follows link to web component of Piction Server
Does the server recognize this visitor
NO
Get info from user to register & download client
YES
Add the page to this user's collection.
Give user an option to go back to referrer page.
Queue for Scanning of the referring page.
SEE ART COLLECTION PROCESS

Fig. 3C

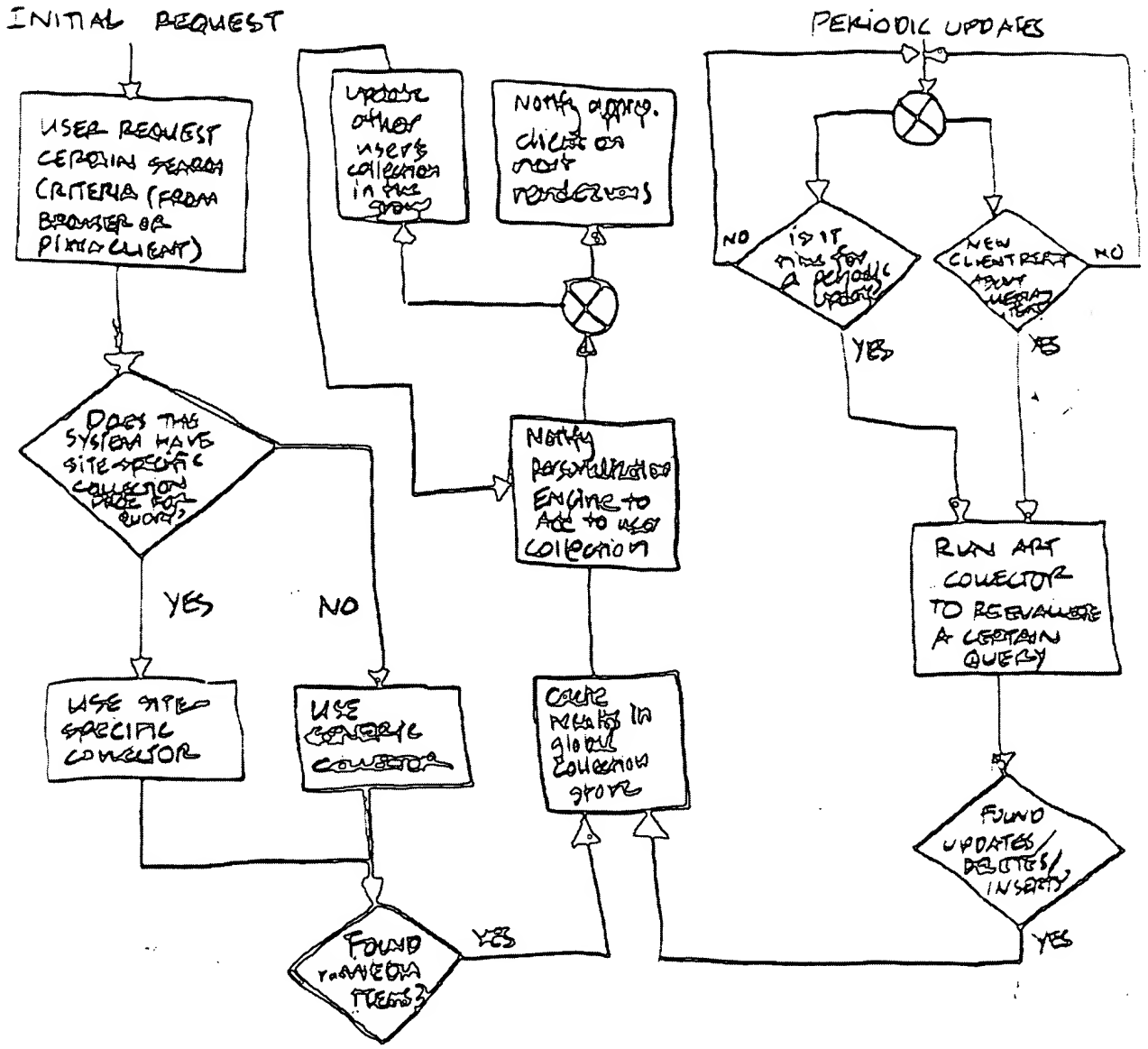

INITIAL REQUEST
PERIODIC UPDATES
USER REQUEST CERTAIN SEARCH CRITERIA (FROM BROWSER OR PIM CLIENT)
UPDATE OTHER USERS COLLECTION IN THE STORE
NOTIFY APPROP. CLIENT OR NEXT RENDERING
NO
IS IT TIME FOR A PERIODIC UPDATE?
NEW CLIENT REQUEST ABOUT MEDIA ITEM
NO
YES
YES
DOES THIS SYSTEM HAVE SITE-SPECIFIC COLLECTION LOGIC FOR QUERY?
NOTIFY PERSONALIZATION ENGINE TO ADD TO USER COLLECTION
RUN ART COLLECTOR TO REEVALUATE A CERTAIN QUERY
YES
NO
USE SITE SPECIFIC COLLECTOR
USE GENERIC COLLECTOR
COLLECT RESULTS IN GLOBAL COLLECTION STORE
FOUND UPDATES/DELETES/INSERTS
FOUND RANDOM ITEMS?
YES
YES

Fig. 3D

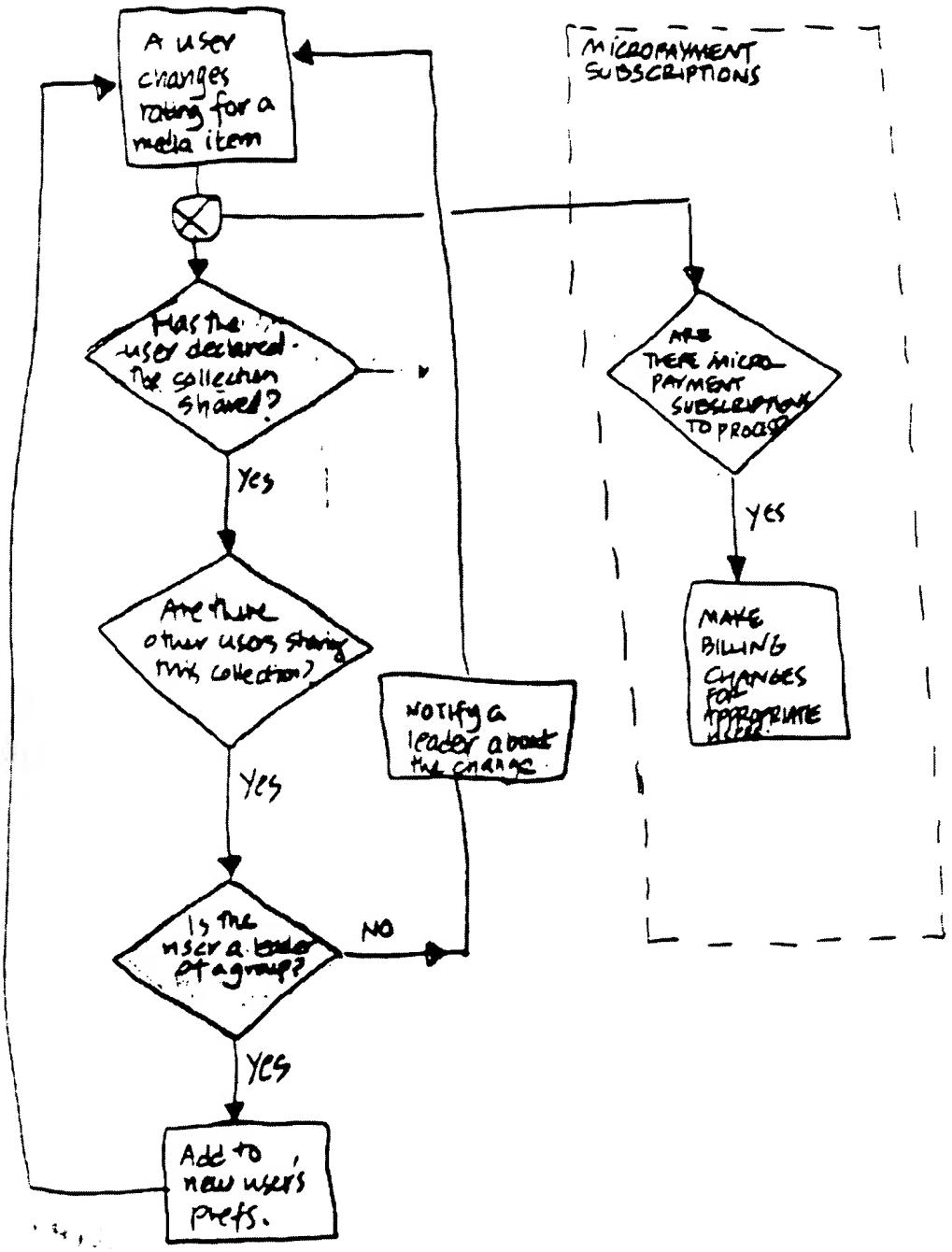

A user changes rating for a media item
MICROPAYMENT SUBSCRIPTIONS
Has the user declared the collection shared?
Yes
Are there other users sharing this collection?
Yes
NOTify a leader about the change
Is the user a leader of a group?
NO
Yes
Add to new users' prefs.
ARE THERE MICRO PAYMENT SUBSCRIPTION TO PROCESS
yes
MAKE BILLING CHANGES FOR APPROPRIATE

Fig. 3E

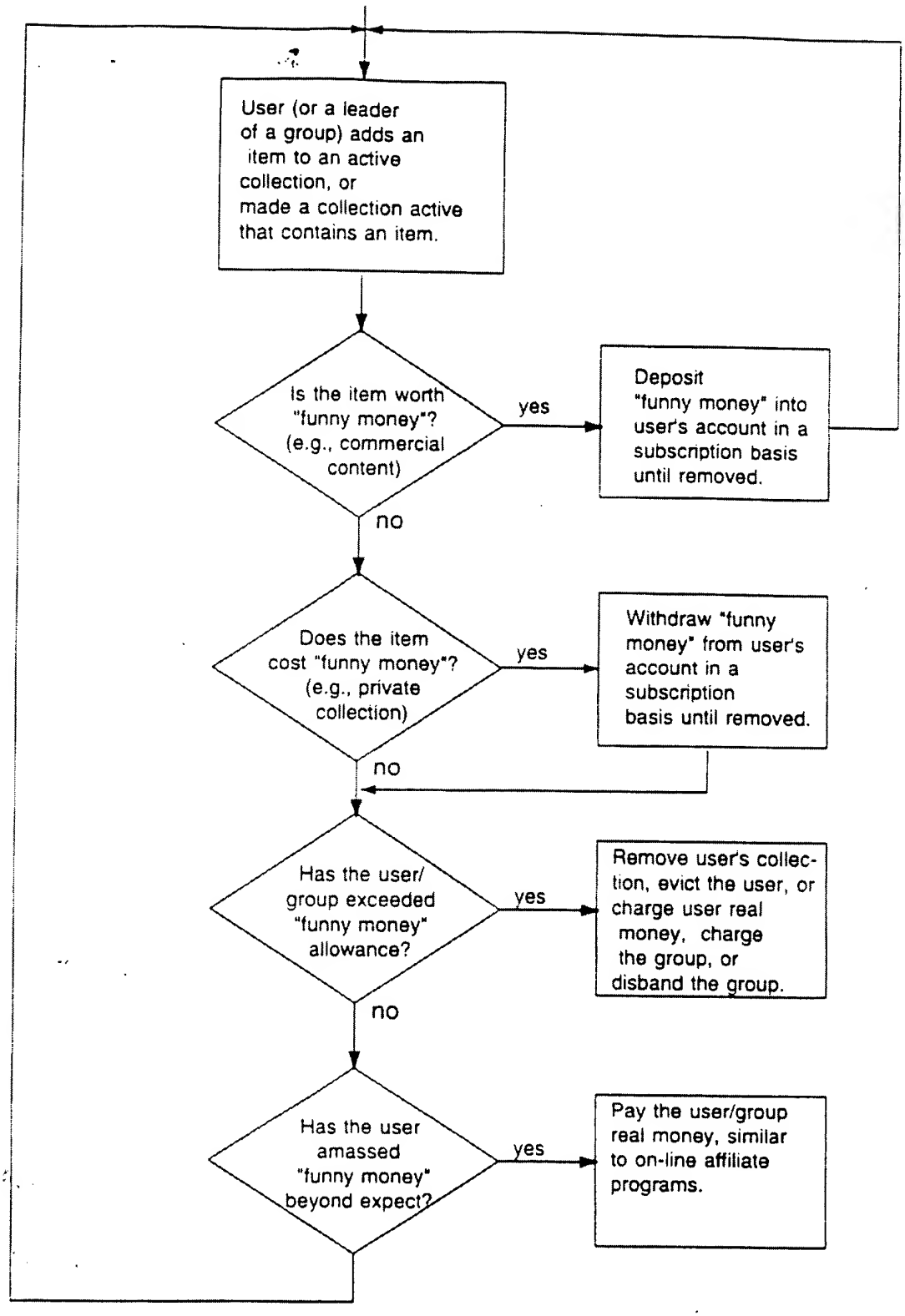
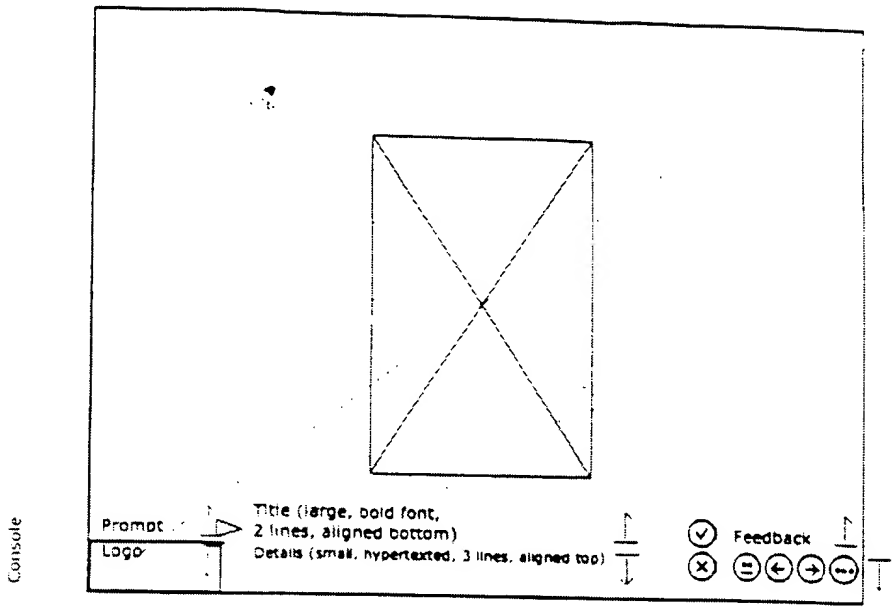

User (or a leader of a group) adds an item to an active collection, or made a collection active that contains an item.
Is the item worth "funny money"? (e.g., commercial content)
yes
Deposit "funny money" into user's account in a subscription basis until removed.
no
Does the item cost "funny money"? (e.g., private collection)
yes
Withdraw "funny money" from user's account in a subscription basis until removed.
no
Has the user/ group exceeded "funny money" allowance?
yes
Remove user's collection, evict the user, or charge user real money, charge the group, or disband the group.
no
Has the user amassed "funny money" beyond expect?
yes
Pay the user/group real money, similar to on-line affiliate programs.

Fig. 3F


Console
Prompt
Logo
Title (large, bold font,
2 lines, aligned bottom)
Details (small, hypertexted, 3 lines, aligned top)
Feedback

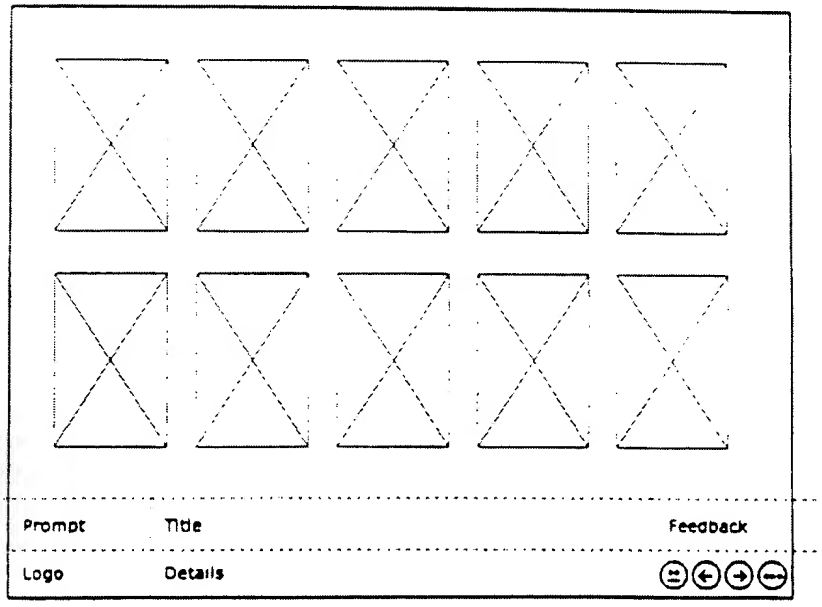

Prompt
Title
Feedback
Logo
Details

Fig. 4

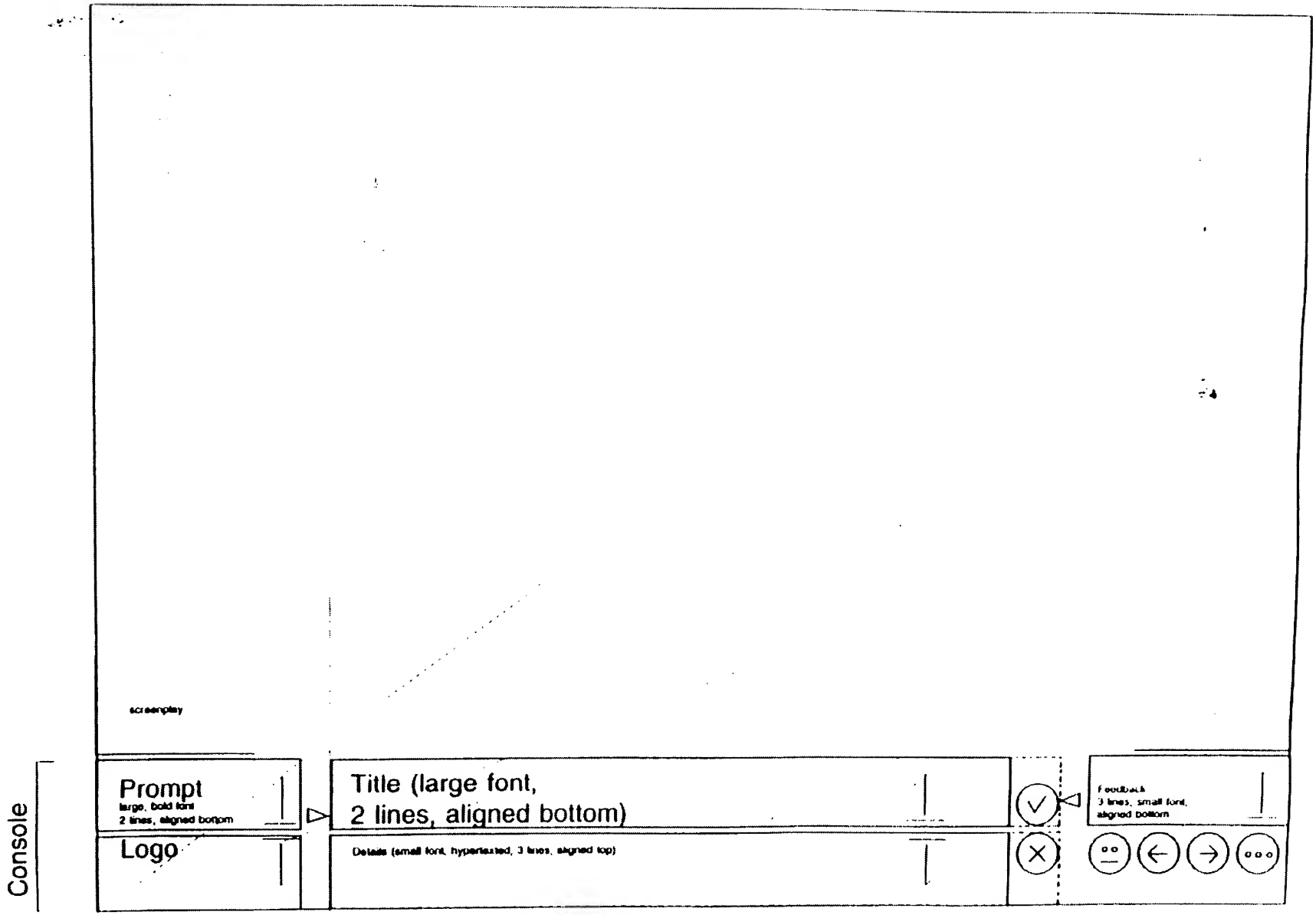

screenplay
Console
Prompt
large, bold font
2 lines, aligned bottom
Logo
Title (large font,
2 lines, aligned bottom)
Details (small font, hyperlinked, 3 lines, aligned top)
Feedback
3 lines, small font,
aligned bottom

Fig. 5

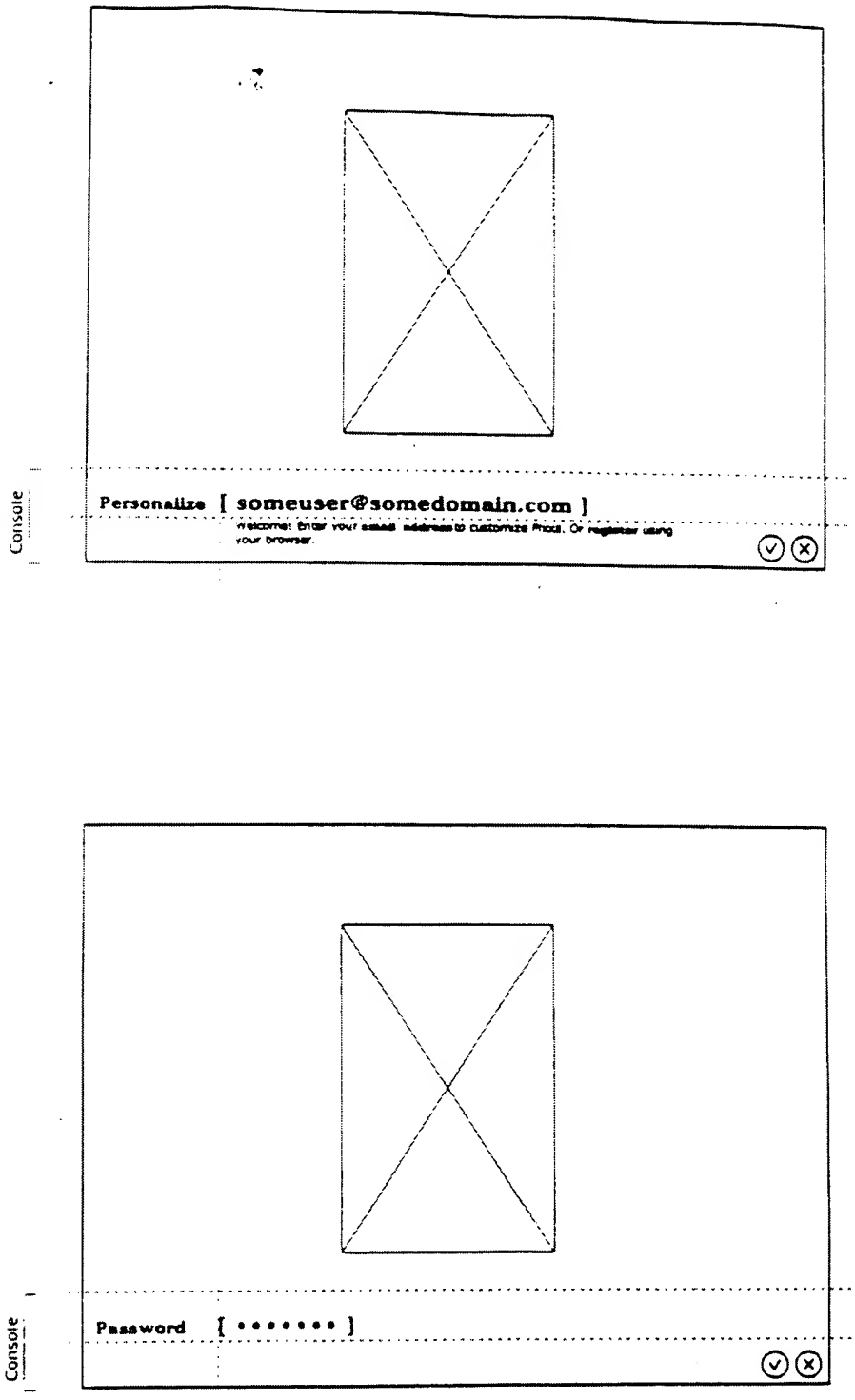
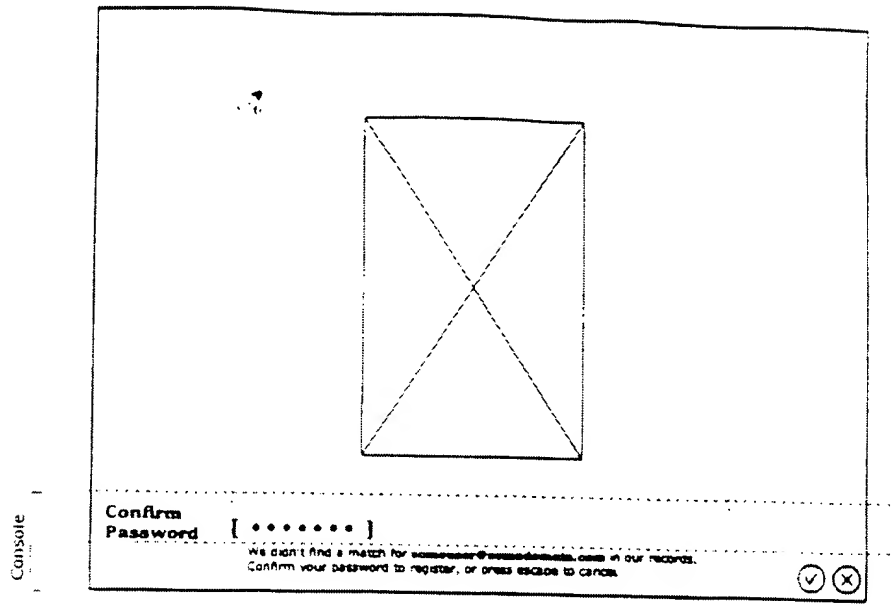

Console
Personalize [someuser@somedomain.com]
Welcome! Enter your email address to customize Prod1. Or register using your browser.
Console
Password [•••••••]

Fig. 5A


Console
Confirm
Password
[•••••••]
We didn't find a match for [redacted] in our records.
Confirm your password to register, or press escape to cancel.

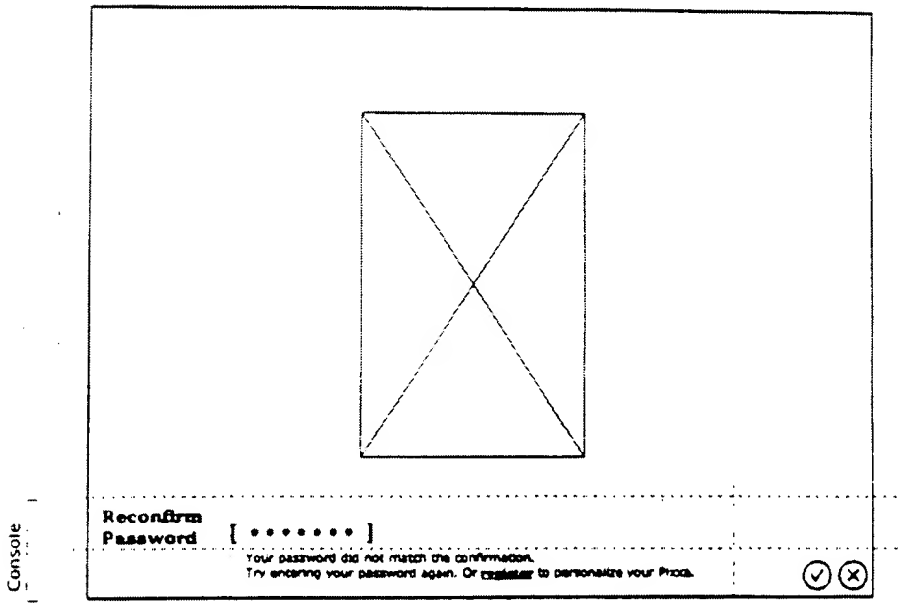

Console
Reconfirm
Password
[•••••••]
Your password did not match the confirmation.
Try entering your password again. Or register to personalize your Prices.

Fig 6B

Controls: one or more controls may be visible or highlighted at any point of time.

Initial state: when no pictures are visible or if the user is responding to a dialog box only the Pixxa button is displayed.

Picture state: when pictures are present, display Feeling, Prev, Next, and Pixxa buttons.

Hover: when the mouse goes within the LikeIt button, a "tool tip" is displayed above it.

Hover: when the mouse goes within the Prev button, a "tool tip" is displayed above it.

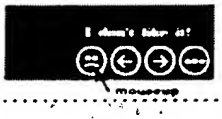
Hover: when the mouse goes within the Next button, a "tool tip" is displayed above it.

Hover: when the mouse goes within the Pixxa button, a "tool tip" is displayed above it.

Mousedown on LikeIt icon in neutral will take it into "like" mode.

Mouseup marks this picture as "like it". Since the mouse is still within the button, the "tool tip" is displayed.

Mousedown marks the picture as "don't like it" in hilite mode. The button bitmap is inverted.



Mouseup marks the picture as "don't like it". Since the mouse is still within the button, the "tool tip is displayed".

Sideline: like/dislike transitions. Not all the transitions are shown above

Prev/next buttons highlight during mouseDowns. The sequence of clicks shown here brings you to the same place no matter where you start from, even if the pictures are randomized.

More info: clicking on Pixxa icon starts your browser with a page on Pixxa server related to this picture.

More info:pixxa will start the browser

Hovering on the previous icon displays the "tool tip"

Mousedown on Prev button takes you to the previous slide (which is not in the dislike list)

MouseStillDown on Prev button continues to take you to previous slides (which is not in the dislike list)

Control/command key combination with Next and Prev keys shows both the "like" pictures and the "dislike" pictures.

Mousedown moves you to the next frame.

MouseStillDown on Prev button continues to take you to previous slides (which is not in the dislike list)

Control/command key combination with Next shows all pictures in this collection regardless of like/dislike.

Fig. 7

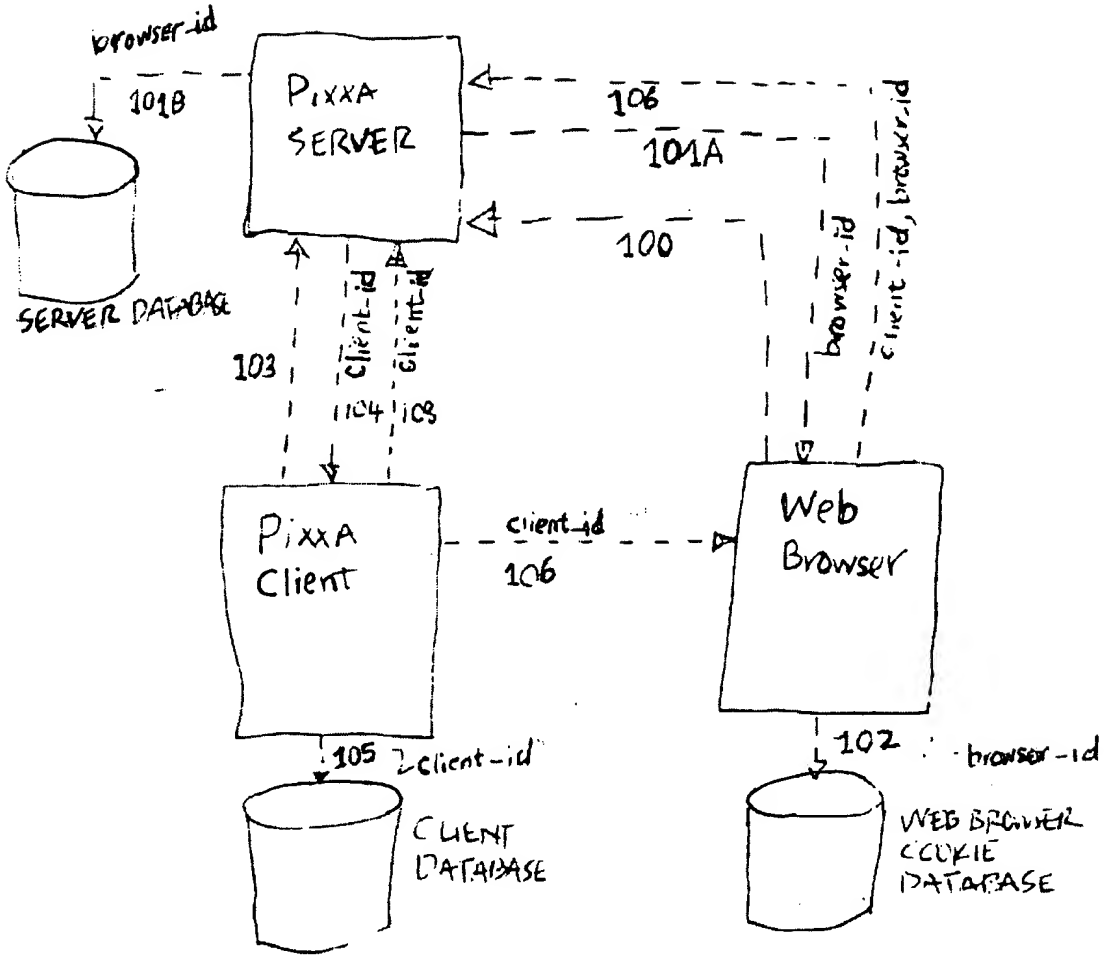

browser-id
101B
PIXXA SERVER
106
101A
100
SERVER DATABASE
client-id, browser-id
browser-id
client-id
client-id
103
104
108
PIXXA Client
client-id
106
Web Browser
105
client-id
102
browser-id
CLIENT DATABASE
WEB BROWSER COOKIE DATABASE
USER'S COMPUTER

Fig. 8